

## Figures

FIGURE 1

**CHIP-BASED "DIGITAL" TAG**

data is represented by digital waveform

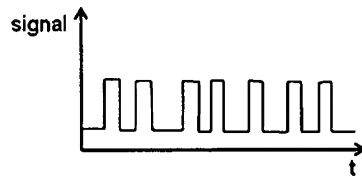
ID STRING: 01101101011

=

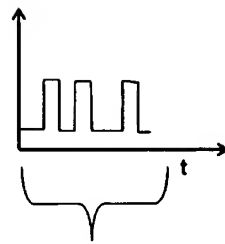
01101 ...

+

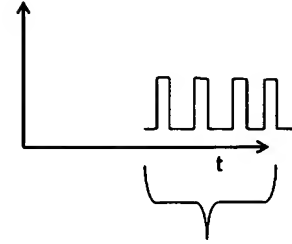
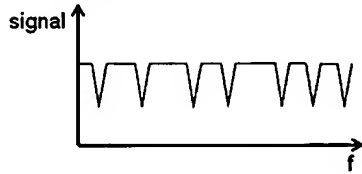
... 101011



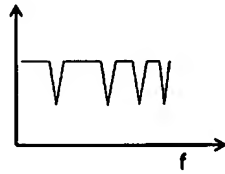
=



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FIXED, PRE-PROGRAMMED  
DATA FIELDVARIABLE, EXTERNALLY-  
DERIVED DATA FIELD**CHIPLESS "ANALOG" TAG**data is represented by analog waveform  
(e.g. resonance peaks)

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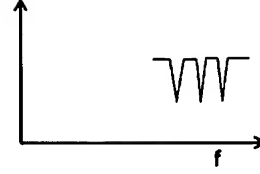


FIGURE 2

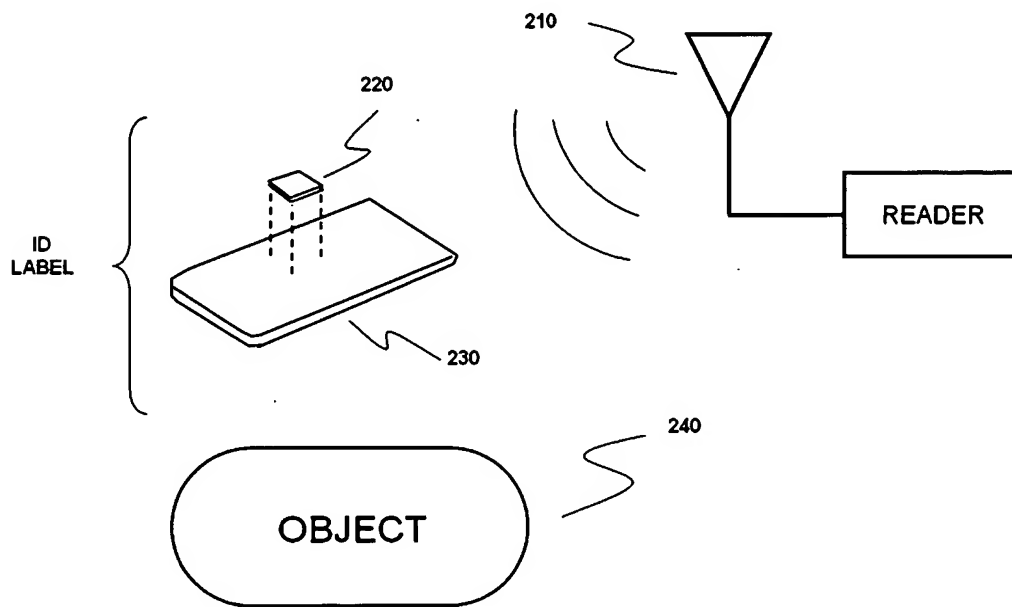


FIGURE 3A

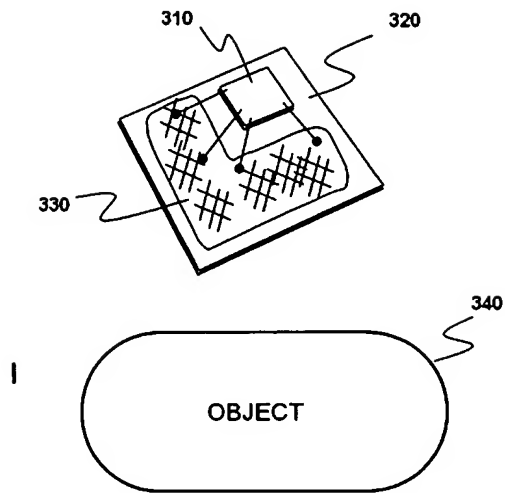


FIGURE 3B

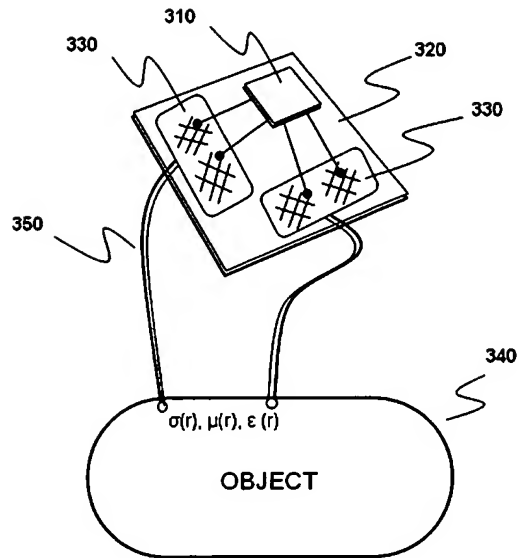


FIGURE 4

